

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>012930-000029</b>
INTERNATIONAL APPLICATION NO. <b>PCT/AU2004/001110</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>210/568635</b>
INTERNATIONAL FILING DATE <b>8/20/2004</b>		PRIORITY DATE CLAIMED <b>August 21, 2003</b>
TITLE OF INVENTION <b>NOVEL SULFENAMIDES OXIDES</b>		
APPLICANT(S) FOR DO/EO/US <b>Laurence Mark Von Itzstein   Christopher Bonner Davis   Robln Joy Thomson   Regan David Hartnell   Paul David Orr Madge</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office(RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/568635</div>	INTERNATIONAL APPLICATION NO. PCT/AU2004/001110	ATTORNEY'S DOCKET NUMBER 012930-000029																																																																													
20. Other items or information: International Search Report dated 6 October 2004; Cover page for WO 2005/019236 A1 (published 3 March 2005 for PCT/AU2004/001110).																																																																															
The following fees have been submitted 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300  22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0 All other situations .....\$200  23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$400 All other situations .....\$500  <div style="text-align: right; font-weight: bold;">TOTAL OF 21, 22 and 23 =</div>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> </thead> <tbody> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 100.00</td> <td></td> </tr> <tr> <td>\$ 600.00</td> <td></td> </tr> <tr> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.82(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).            The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td colspan="2"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Total Sheets</th> <th style="width: 20%;">Extra sheets</th> <th style="width: 20%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>X \$250</td> <td>\$</td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="2">           Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).         </td> </tr> <tr> <td colspan="2"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>33 - 20 =</td> <td>13</td> <td>x \$50</td> <td>\$ 650.00</td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$200</td> <td>\$</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1250.00</td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="2"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.         </td> </tr> <tr> <td colspan="2" style="text-align: right; font-weight: bold;">SUBTOTAL =</td> <td>\$ 625.00</td> </tr> <tr> <td colspan="2">           Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).         </td> <td>\$</td> </tr> <tr> <td colspan="2" style="text-align: right; font-weight: bold;">TOTAL NATIONAL FEE =</td> <td>\$ 625.00</td> </tr> <tr> <td colspan="2">           Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property         </td> <td>\$</td> </tr> <tr> <td colspan="2" style="text-align: right; font-weight: bold;">TOTAL FEES ENCLOSED =</td> <td>\$ 625.00</td> </tr> <tr> <td colspan="2"></td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be refunded:</td> <td style="width: 50%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table> </td> </tr> </tbody></table>	CALCULATIONS	PTO USE ONLY	\$ 300.00		\$ 200.00		\$ 100.00		\$ 600.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.82(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Total Sheets</th> <th style="width: 20%;">Extra sheets</th> <th style="width: 20%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>X \$250</td> <td>\$</td> </tr> </tbody> </table>		Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		- 100 =	/50 =		X \$250	\$	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>33 - 20 =</td> <td>13</td> <td>x \$50</td> <td>\$ 650.00</td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$200</td> <td>\$</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1250.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	33 - 20 =	13	x \$50	\$ 650.00	Independent Claims	3 - 3 =	0	x \$200	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1250.00	<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		SUBTOTAL =		\$ 625.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	TOTAL NATIONAL FEE =		\$ 625.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$	TOTAL FEES ENCLOSED =		\$ 625.00			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be refunded:</td> <td style="width: 50%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>	Amount to be refunded:	\$	Amount to be charged:	\$
CALCULATIONS	PTO USE ONLY																																																																														
\$ 300.00																																																																															
\$ 200.00																																																																															
\$ 100.00																																																																															
\$ 600.00																																																																															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.82(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Total Sheets</th> <th style="width: 20%;">Extra sheets</th> <th style="width: 20%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>X \$250</td> <td>\$</td> </tr> </tbody> </table>		Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		- 100 =	/50 =		X \$250	\$																																																																				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																												
- 100 =	/50 =		X \$250	\$																																																																											
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>33 - 20 =</td> <td>13</td> <td>x \$50</td> <td>\$ 650.00</td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$200</td> <td>\$</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1250.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	33 - 20 =	13	x \$50	\$ 650.00	Independent Claims	3 - 3 =	0	x \$200	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1250.00																																																					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																												
Total Claims	33 - 20 =	13	x \$50	\$ 650.00																																																																											
Independent Claims	3 - 3 =	0	x \$200	\$																																																																											
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$																																																																											
TOTAL OF ABOVE CALCULATIONS =				\$ 1250.00																																																																											
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																																																																															
SUBTOTAL =		\$ 625.00																																																																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$																																																																													
TOTAL NATIONAL FEE =		\$ 625.00																																																																													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$																																																																													
TOTAL FEES ENCLOSED =		\$ 625.00																																																																													
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be refunded:</td> <td style="width: 50%;">\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>	Amount to be refunded:	\$	Amount to be charged:	\$																																																																									
Amount to be refunded:	\$																																																																														
Amount to be charged:	\$																																																																														

10/568635

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

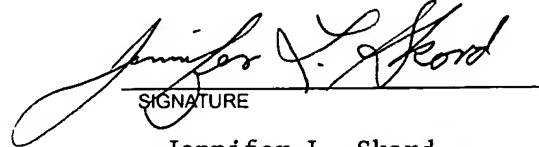
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$625.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 13-4365 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4365. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Moore & Van Allen  
PO Box 13706  
430 Davis Drive  
Research Triangle Park, NC  
27709  
USA



SIGNATURE

Jennifer L. Skord

NAME

30,687

REGISTRATION NUMBER

10/568635

1AP20 Rec'd PCT/PTO 16 FEB 2006

**EXPRESS MAIL CERTIFICATE**

EXPRESS MAIL LABEL NUMBER: EV699878420US

Date of Deposit: February 16, 2006

First Named Inventor: Laurence Mark Von Itzstein

For: NOVEL SULFENAMIDES OXIDES

I hereby certify that the following documents:

Express Mail Certificate; and

1. Transmittal Letter to the United States Designated/Elected Office (PTO/1390);
2. Copy of unexecuted Declaration;
3. Preliminary Amendment;
4. Copy of Published International Application No. WO 2005/019236 A1;
5. Copy of International Search Report dated 6 October 2004;
6. Check in the amount of \$625.00; and
7. Acknowledgement Postcard

are being deposited in a single envelope with the United States Postal Services "Express Mail" service under 37 C.F.R. 1.10 on the date indicated above and such envelope is addressed to:  
Mail Stop: PCT DO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Tim Kroll

(Name of Person Mailing Documents)

J. von Itzstein

(Signature of Person Mailing Documents)